**PROPOSED AMENDMENTS TO CLAIMS 1 AND 92 FOR USPA 09/684,706**

**(MBHB Docket No. 08-880-US5)**

1. (Currently amended) A sensor network comprising a plurality of network elements including at least one node configured to be coupled among a monitored environment,

wherein the at least one node is further configured to be remotely controllable ~~using at least one client computer~~ and to ~~provide~~ determine ~~node information including~~ an energy ~~node resource~~ cost for communication and a message priority ~~to one or more other nodes of the plurality of network elements~~,

wherein the at least one node is further configured to distribute objects for data processing~~, other than processing for topology learning or the addition of one or more new nodes to the sensor network,~~ to one or more of the plurality of network elements ~~in response to the node information~~, wherein the objects for data processing comprise code and data, and

wherein the distribution of the objects for data processing varies ~~dynamically~~ based on the energy cost for communication and the message priority.

92. (Currently amended) A sensor network comprising a plurality of network elements including at least one node configured to be coupled among a monitored environment,

wherein the at least one node includes at least one sensor,

wherein the at least one node is further configured to process data gathered from the monitored environment by the at least one sensor and to propagate a predetermined identifying code representing the gathered data through the sensor network,

wherein the plurality of network elements is configured to ~~represent~~ communicate a high priority message code for ~~a high priority message containing information regarding~~ a high priority event ~~by a high priority message code~~,

wherein, in response to receipt of the high priority message code, [[by]] the at least one node is configured to broadcast one or more inhibit messages configured to ~~invokes a priority protocol that causes message packets to be broadcast to nodes adjacent to a path that will~~ inhibit messaging from nodes not engaged in conveying the ~~information regarding the~~ high priority event, and

wherein a distribution of data processing by the plurality of network elements varies ~~dynamically~~ based on a priority of the message.